

[FIG.1]

DATA

101 LAYERED CODING SECTION

FIRST LAYER CODE STRING

5 SECOND LAYER CODE STRING

102 CRC CODE ADDTION SECTION

103 CRC CODE ADDTION SECTION

104 MODULATION SECTION

105 TRANSMIT POWER CONTROL SECTION

10 106 RADIO SECTION

110 TARGET VALUE STORAGE SECTION

109 TRANSMIT POWER DETERMINING SECTION

108 RATIO CALCULAITON SECTION

TRANSMIT POWER DETERMINING APPARATUS

15

[FIG.2]

202 RADIO SECTION

203 DEMODULATION SECTION

204 SEPARATION SECTION

20 FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

205 ERROR CHECK SECTION

206 ERROR CHECK SECTION

208 ACK/NACK REPLY SECTION

25 207 LAYERED DECODING SECTION

DECODED DATA

[FIG.3]

CELL

FIRST LAYER CODE STRING + SECOND LAYER CODE STRING

FIRST LAYER CODE STRING

CELL

5 FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

[FIG.4]

202 RADIO SECTION

10 203 DEMODULATION SECTION

204 SEPARATION SECTION

FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

205 ERROR CHECK SECTION

15 206 ERROR CHECK SECTION

208 ACK/NACK REPLY SECTION

207 LAYERED DECODING SECTION

DECODED DATA

210 TPC SIGNAL GENERATION SECTION

20 209 CIR MEASURING SECTION

[FIG.5]

DATA

101 LAYERED CODING SECTION

25 FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

102 CRC CODE ADDTION SECTION

103 CRC CODE ADDTION SECTION

104 MODULATION SECTION  
 105 TRANSMIT POWER CONTROL SECTION  
 106 RADIO SECTION  
 110 TARGET VALUE STORAGE SECTION  
 5 109 TRANSMIT POWER DETERMINING SECTION  
 108 RATIO CALCULATION SECTION  
 111 TPC SIGNAL DECISION SECTION  
 TRANSMIT POWER DETERMINING APPARATUS

10 [FIG.6]  
 RATIO OF HIGH QUALITY MOBILE STATIONS  
 TPC SIGNAL DECISION RESULT  
 LESS THAN TARGET VALUE  
 EQUAL TO OR HIGHER THAN TARGET VALUE  
 15 INCREASED INCREASED INCREASED  
 DECREASED INCREASED DECREASED

[FIG.7]  
 202 RADIO SECTION  
 20 203 DEMODULATION SECTION  
 204 SEPARATION SECTION  
 FIRST LAYER CODE STRING  
 SECOND LAYER CODE STRING  
 205 ERROR CHECK SECTION  
 25 206 ERROR CHECK SECTION  
 211 BLER MEASURING SECTION  
 207 LAYERED DECODING SECTION  
 DECODED DATA

[FIG.8]

202 RADIO SECTION  
 203 DEMODULATION SECTION  
 5 204 SEPARATION SECTION  
 FIRST LAYER CODE STRING  
 SECOND LAYER CODE STRING  
 205 ERROR CHECK SECTION  
 206 ERROR CHECK SECTION  
 10 208 ACK/NACK REPLY SECTION  
 207 LAYERED DECODING SECTION  
 DECODED DATA  
 212 CIR SINGAL GENERATION SECTION  
 209 CIR MEASURING SECTION

15

[FIG.9]

DATA  
 101 LAYERED CODING SECTION  
 FIRST LAYER CODE STRING  
 20 SECOND LAYER CODE STRING  
 102 CRC CODE ADDTION SECTION  
 103 CRC CODE ADDTION SECTION  
 104 MODULATION SECTION  
 105 TRANSMIT POWER CONTROL SECTION  
 25 106 RADIO SECTION  
 110 TARGET VALUE STORAGE SECTION  
 109 TRANSMIT POWER DETERMINING SECTION  
 108 RATIO CALCULAITON SECTION

112 RANKING SECTION

TRANSMIT POWER DETERMINING APPARATUS

[FIG.10]

5 RANKING

MOBILE STATION

ACK/NACK SIGNAL OF SECOND LAYER CODE STRING